

4. (Cancel) The nucleic acid of claim 1, wherein the nucleic acid encodes a polypeptide that reacts with an antibody specific for the polypeptide of SEQ ID NO:2, 4, or 6.

*B<sup>2</sup> sub C<sup>3</sup>*  
5. (Amended) A substantially pure nucleic acid which encodes a fragment of the polypeptide of SEQ ID NO:2, 4, or 6 of at least 60 amino acids in length and which hybridizes under high stringency conditions to a nucleotide of SEQ ID NO:1, 3 or 5, wherein the nucleic acid does not cross react with an Ikaros gene or an Aiolos gene.

*B<sup>3</sup>*  
10. (Amended) A vector comprising the nucleic acid of any of claims 1, 2, or 3.

11. (Amended) A cell comprising the nucleic acid of any of claims 1, 2, or 3.

13. (Reiterated) A method of manufacturing an Helios polypeptide comprising culturing the cell of claim 11 in a medium to express the Helios polypeptide.

15. (Cancel) A method of treating an animal for a disorder associated with misexpression of Helios comprising administering a therapeutically active amount of an Helios polypeptide, a cell selected for the expression of a product of an Helios gene, or a nucleic acid encoding an Helios peptide to the animal.

16. (Cancel) A method of determining if a subject is at risk for a disorder related to misexpression of the Helios gene comprising examining the subject for the expression or structure of the Helios gene, non-wild type structure or expression being indicative of risk.--

Please add claims 18-21.

*B<sup>d</sup>*  
-- 18. (New) The nucleic acid of claim 1, which encodes a polypeptide which forms a dimer with a Helios, Aiolos or Ikaros polypeptide.

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Serial No. : 09/259,389  
Filed : February 26, 1999  
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10287-043001 / MGH 1286.0

19. (New) The nucleic acid of claim 1, wherein the nucleic acid encodes a polypeptide having an amino acid sequence of SEQ ID NO:2, 4 or 6.

Bf  
Sub c<sup>3</sup>

20. (New) A substantially pure nucleic acid encoding a polypeptide which differs at 1 or more residues, but not more than 15 residues from SEQ ID NO:2, 4 or 6 and which has a Helios biological activity.

21. (New) A substantially pure nucleic acid encoding a polypeptide of SEQ ID NO:2, 4 or 6.--

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